

The Committee to which was referred the following paper by Prof. Haldeman reported in favor of publication in the Proceedings.

*On several new Hymenoptera of the genera Ampulex, Sigalphus, Chelonus and Dorylus.*

BY S. S. HALDEMAN.

AMPULEX *Jurine.*

§ Discoidal nervure having its origin near the posterior extremity of Romand's subdiscoidal recurvent nervure (discoidal of Shuckard), it curves forward and terminates in the cubital nervure beyond the 1st transverso-cubital near the middle of the 2d cubital area.

A. PENNSYLVANICUS *Hald.* Black somewhat glossy, sparsely punctulate; antennae fuscous; mandibles and tibiae dull rufous, tarsi paler: pronotum with the medial line impressed; alae hyaline, external third dusky but becoming colorless towards the apex and centre, basal third varied with pale dusky: metanotum exarate, with 9 longitudinal ridges, between which there are short transverse sulci: abdomen polished. 5 lines long, expanse about the same.

Inhabits woods, taken in S. E. Pennsylvania in September. On account of the obliquity of the median recurrent nervure (Romand), the interior angles of the 1st discoidal and 1st cubital are acute, and similar. Radial and cubital nervures nearly parallel, the latter rectilinear.

SIGALPHUS *Latr.*

(*TRIASPIS Haliday.*)

S. TIBIALIS *Hald.* Dark fuscous: head, disk of the thorax, middle of the 1st and 2d segments of the tergum, exerted ovipositor, beneath and feet, *flavous*: eyes black; antennae *flavous*, base and apex pale *fuscous*; vertex, a macula behind the eyes, and the posterior tibiae and knees, *fuscous*. 2 lines long. S. E. Pennsylvania. The *flavous* portion of the abdomen extends from the base to the 2d impressed transverse line.

CHELONUS *Jurine.*

§ Eyes with hairs; 3 cubital areae, 2d triangular, with the external apex truncate; abdomen coalite, without sutures.

CH. BASILARIS *Say.* Bost. J. nat. hist. 1, 266. S. E. Pennsylvania, in June.

CH. SOBRINUS *Hald.* Black, scabrous: abdomen with a subbasal *flavous* fascia interrupted in the middle; surface minutely scabrous with a tendency to become sulcate towards the base: antennae dark fuscous with the two basal articulations rufous: palpi and feet pale *flavous*; medial femora, and apex of the tibiae pale fuscous; posterior coxae, femora and tibiae (except the base of both) dark fuscous: tarsi obscure toward the apex, posterior ones entirely so. 2 lines long. S. E. Pennsylvania, in June.

§ Eyes with hairs, 3 entire areae, 2d irregular, abdomen coalite with 1 indistinct suture; metathorax with a spine upon each side.

CH. LUNATUS *Hald.* Black, scabrous, basal third of the abdomen pale *flavous*; tergum with numerous longitudinal sulci: mandibles and basal articulation of the antennae rufous: feet *flavous*, apex of the tarsi black; exterior half of the poste-

rior femora, and of the tibiae *black*: stigma black, nervures fuscous. 3 lin. long. S. E. Pennsylvania, in June.

The abdomen has a single transverse impressed line near the base, beyond which the flavous color extends in a convex lunar form.

DORYLUS *Fabr.*

§ Abdominal peduncle hemispherical, nearly the size of the succeeding segment; mandibles incurved, antennae short.

*D. PLANICEPS. Hald.* Glossy helvolus, fulvous pilose; wings feintly tinged; mandibles, base of antennae, ocelli and feet *rufous*: eyes dark and prominent: hair long upon the head, thorax, apex and peduncle of the abdomen: mandibles wide at base, but narrowed upon the inside from the middle to the apex, which is well incurved, with the apex sharp and black. Long. 10, expanse 15, mandibles 1, antennae 2 lines.

Presented to the Acad. Nat. Sci. by Dr. T. S. Savage, who brought it from Cape Palmas, W. Africa. The feet are very short and the femora much compressed. The antennae are slender subulate, with 14 articulations, of which the last is not readily distinguishable, the basal one is about one-third the entire length.

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On leave granted, a paper was presented from Prof. S. F. Baird, of Carlisle, Penn., entitled, "Revision of the North American tailed-Batrachia, with descriptions of new genera and species," which being intended for publication in the Journal of the Academy, was referred to a committee, viz., Dr. Bridges, Dr. Hallowell and Dr. Leidy.